



**U.S. Army Corps  
of Engineers**  
Pittsburgh District

# Public Notice

In Reply Refer to  
Notice No. below

US Army Corps of Engineers, Pittsburgh District  
1000 Liberty Avenue  
Pittsburgh, PA 15222-4186

Application No. 2007-28      Date: January 8, 2008

Notice No. 08-01

Closing Date: February 8, 2008

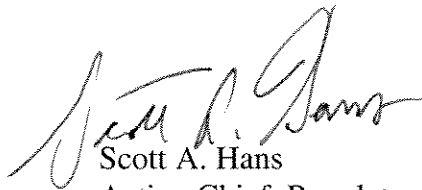
1. TO ALL WHOM IT MAY CONCERN: The following application has been submitted for a Department of the Army Permit under the provisions of Section 10 of the Rivers and Harbors Act of 1899.
2. APPLICANT:                      Ohio River Clean Fuels, LLC  
   9013 NE Hwy 99, Suite S  
   Vancouver, WA 98665  
  
   AGENT:                      Civil & Environmental Consultants, Inc.  
   333 Baldwin Road  
   Pittsburgh, PA 15205
3. LOCATION: The proposed site is approximately 357 acres located within the Rocky Run watershed in Wellsville, along Sixteen School Road in Yellow Creek Township, Columbiana County, and Saline Township, Jefferson County, Ohio. Approximate center point of the site is 40° 35' 23.51"N -80° 40' 33.58"
4. PURPOSE AND DESCRIPTION OF WORK:      Ohio River Clean Fuels, LLC is proposing to impact 0.19 acres of Federally jurisdictional wetlands, 6,487 feet of Federally jurisdictional stream channel and 0.29 acre of open water in order to construct a coal to liquids fuel plant in Columbiana and Jefferson Counties, Ohio. The ORCF project will involve the transformation of coal and other biomass into liquid fuel via a coal gasification process. Once constructed, the facility will produce approximately 52,000 barrels per day. The combustion gas and steam produced by the coal gasification process will be utilized at an onsite cogeneration plant that will produce enough electric power to operate the plant as well as an electrical surplus of approximately 250MW which will be exported to the adjacent power grid. The project will have direct access to river barge, rail, and truck transportation, as well as direct access to nearby petroleum pipelines for distribution of transportation fuels. The applicant is proposing to provide compensatory stream and wetland mitigation on-site along Rocky Run. A location map and drawings of the proposed project are attached to this notice.

5. IMPACT ON NATURAL RESOURCES: The District Engineer has consulted the most recently available information and has determined that the project is not likely to affect the continued existence of any endangered species or threatened species, or result in the destruction or adverse modification of habitat of such species which has been determined to be critical. This Public Notice serves as a request to the U. S. Fish and Wildlife Service for any additional information they may have on whether any listed or proposed to be listed endangered or threatened species may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1972 (as amended).
6. IMPACT ON CULTURAL RESOURCES: The National Register of Historic Places has been consulted, and it has been determined that there are no properties currently listed on the register which would be directly affected by the proposed work. If we are made aware, as a result of comments received in response to this notice, or by other means, of specific archeological, scientific, prehistorical, or historical sites or structures which might be affected by the proposed work, the District Engineer will immediately take the appropriate action necessary pursuant to the National Historic Preservation Act of 1966 - Public Law 89-665 as amended (including Public Law 96-515).
7. PUBLIC INVOLVEMENT: Any person may request, in writing, within the comment period specified in the paragraph below entitled "RESPONSES," that a public hearing be held to consider this application. The requests for public hearing shall state, with particularity, the reasons for holding a public hearing.
8. EVALUATION: Interested parties are invited to state any objections they may have to the proposed work. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposals must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people. The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the

overall public interest of the proposed activity.

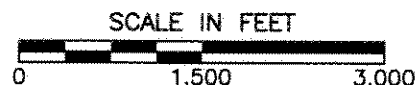
9. RESPONSES: A permit will be granted unless its issuance is found to be contrary to the public interest. Written statements concerning the proposed activity should be received in this office on or before the closing date of this Public Notice in order to become a part of the record and to be considered in the final determination. Any objections which are received during this period may be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. All responses to this notice should be directed to the Regulatory Branch, at the above address. Please refer to CELRP-OP-F 2007-28 in all responses.

FOR THE DISTRICT ENGINEER:

A handwritten signature in black ink, appearing to read "Scott A. Hans", is written over the printed name.

Scott A. Hans  
Acting Chief, Regulatory Branch





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## 2.0

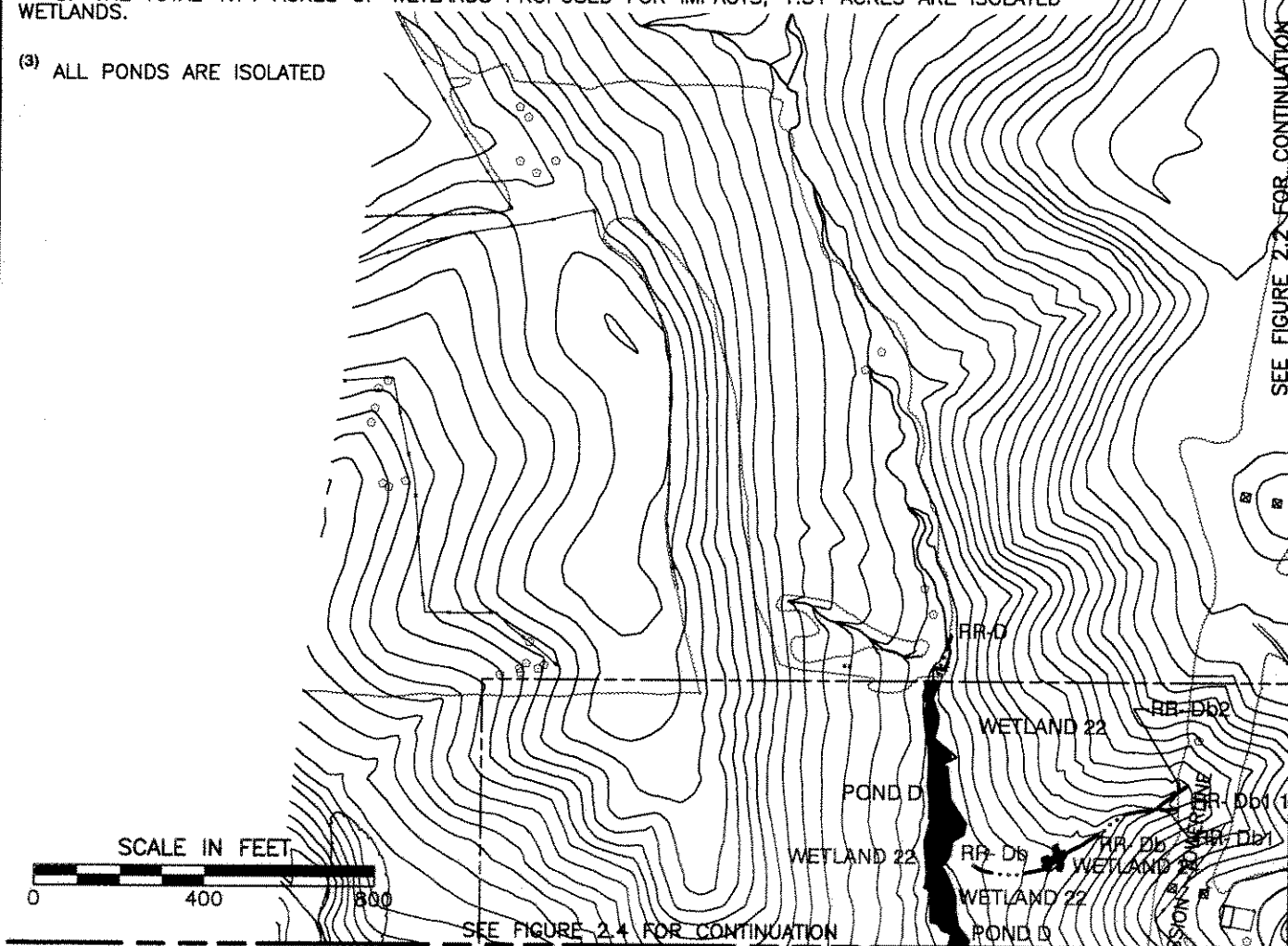
SEE FIGURE 2.2 FOR CONTINUATION

(1) OF THE TOTAL 8,745 FEET OF STREAMS PROPOSED FOR IMPACTS, 2,258 FEET ARE ISOLATED STREAMS.

(2) OF THE TOTAL 1.71 ACRES OF WETLANDS PROPOSED FOR IMPACTS, 1.51 ACRES ARE ISOLATED WETLANDS.

(3) ALL PONDS ARE ISOLATED

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PROPOSED SITE PLAN  
OHIO RIVER CLEAN FUELS FACILITY  
COLUMBIANA AND JEFFERSON COUNTIES  
VILLAGE OF WELLSVILLE, OHIO

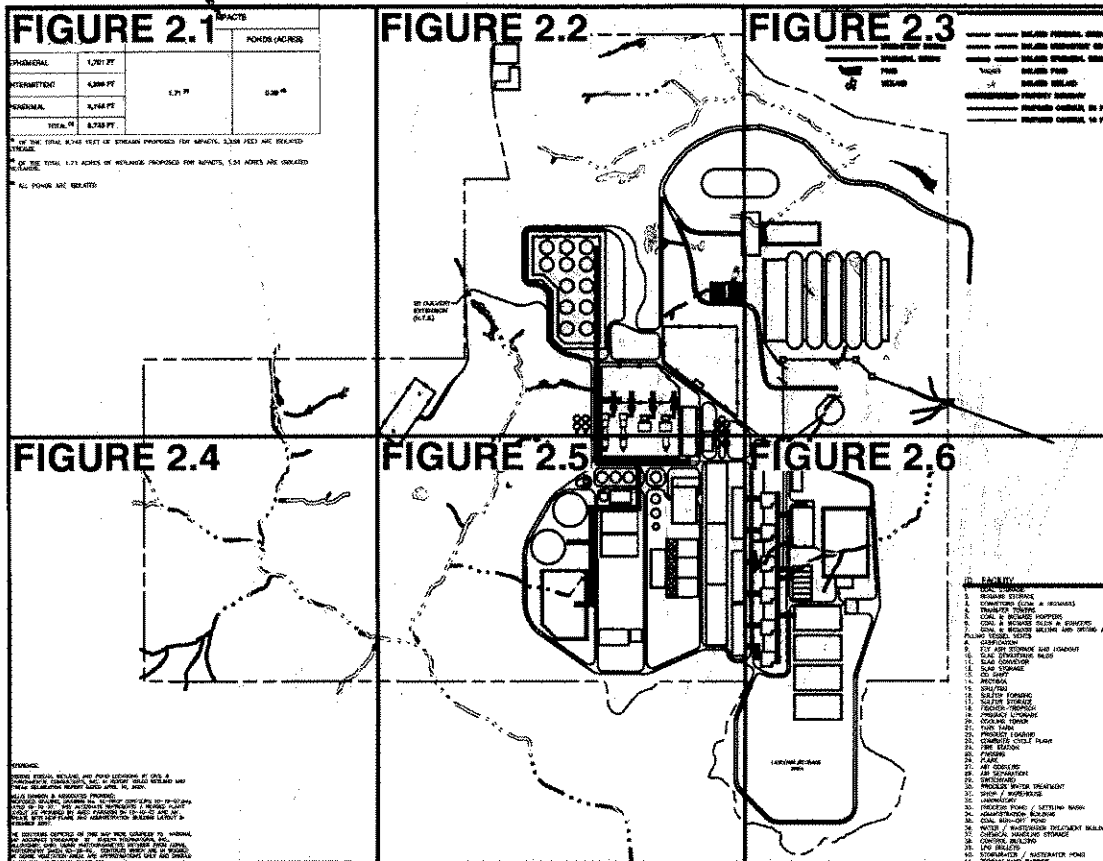
\* DAM

DWG SCALE: 1" = 400'

061-933 0014

## 2.1

LAST EDIT DATE: DEC. 19, 2007



G:\PROJECTS\2006\061-933\DWG\061933-WL1-B.DWG (FIG 2.0 - 8.5X11 KEY MAP) (TPMARTIN) - DEC 19, 2007 - 14:26:51

\* HAND SIGNATURE ON FILE



**Civil & Environmental  
Consultants, Inc.**

Cincinnati, OH  
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Indianapolis, IN  
Nashville, TN

333 Baldwin Road, Pittsburgh, PA 15205-9702  
(412) 429-2324 · (800)-365-2324

Chicago, IL  
Export, PA  
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**KEY MAP FOR PROPOSED SITE PLAN  
OHIO RIVER CLEAN FUELS FACILITY  
COLUMBIANA AND JEFFERSON COUNTIES  
VILLAGE OF WELLSVILLE, OHIO**

QUALITY MANAGER APPROVAL:

\* DAM

PROJECT NO:

061-933.0014

FIGURE NO:

2.0

DRAWN BY:

TPM

CHKD BY:

WWT

DWG SCALE: 1" = 1,500'

LAST EDIT DATE:

DEC. 19, 2007



# PROPOSED SITE PLAN SUMMARY OF IMPACTS

STREAMS		WETLANDS (ACRES)	PONDS (ACRES)
EPHEMERAL	1,701 FT	1.71 <sup>(2)</sup>	0.29 <sup>(3)</sup>
INTERMITTENT	4,295 FT		
PERENNIAL	2,749 FT		
TOTAL <sup>(1)</sup>	8,745 FT		



(1) OF THE TOTAL 8,745 FEET OF STREAMS PROPOSED FOR IMPACTS, 2,258 FEET ARE ISOLATED STREAMS.

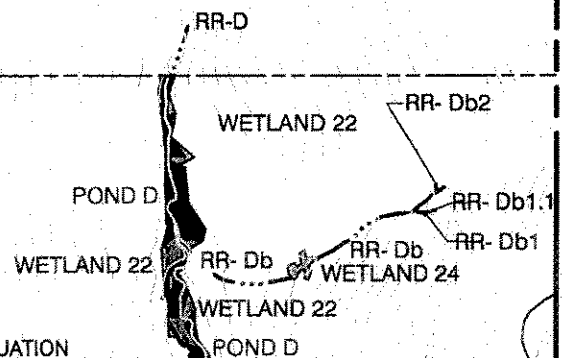
(2) OF THE TOTAL 1.71 ACRES OF WETLANDS PROPOSED FOR IMPACTS, 1.51 ACRES ARE ISOLATED WETLANDS.

(3) ALL PONDS ARE ISOLATED

SEE FIGURE 2.2 FOR CONTINUATION



SEE FIGURE 2.4 FOR CONTINUATION



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OHIO RIVER CLEAN FUELS FACILITY  
COLUMBIANA AND JEFFERSON COUNTIES  
VILLAGE OF WELLSVILLE, OHIO

QUALITY MANAGER APPROVAL: \* DAM

PROJECT NO: 061-933.0014 FIGURE NO:

DRAWN BY: TPM CHKD BY: WWT DWG SCALE: 1" = 400'

LAST EDIT DATE: DEC. 19, 2007

2.1

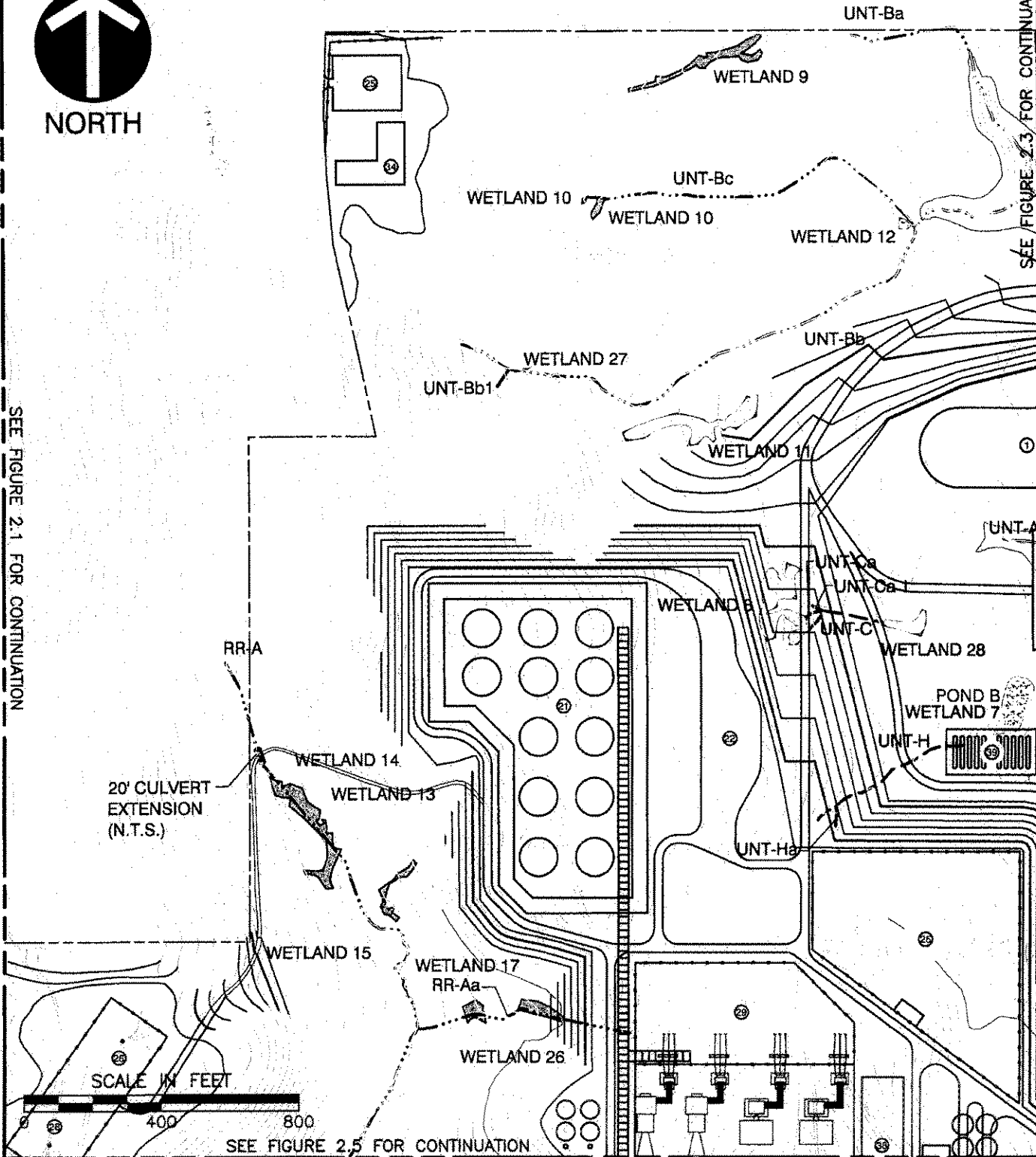




NORTH

SEE FIGURE 2.1 FOR CONTINUATION

SEE FIGURE 2.3 FOR CONTINUATION



SEE FIGURE 2.5 FOR CONTINUATION

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OHIO RIVER CLEAN FUELS FACILITY  
COLUMBIANA AND JEFFERSON COUNTIES  
VILLAGE OF WELLSVILLE, OHIO**

QUALITY MANAGER APPROVAL:

\* DAM

PROJECT NO:

061-933.0014

FIGURE NO:

2.2

DRAWN BY:

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CHKD BY:

WWT

DWG SCALE:

1" = 400'

LAST EDIT DATE:

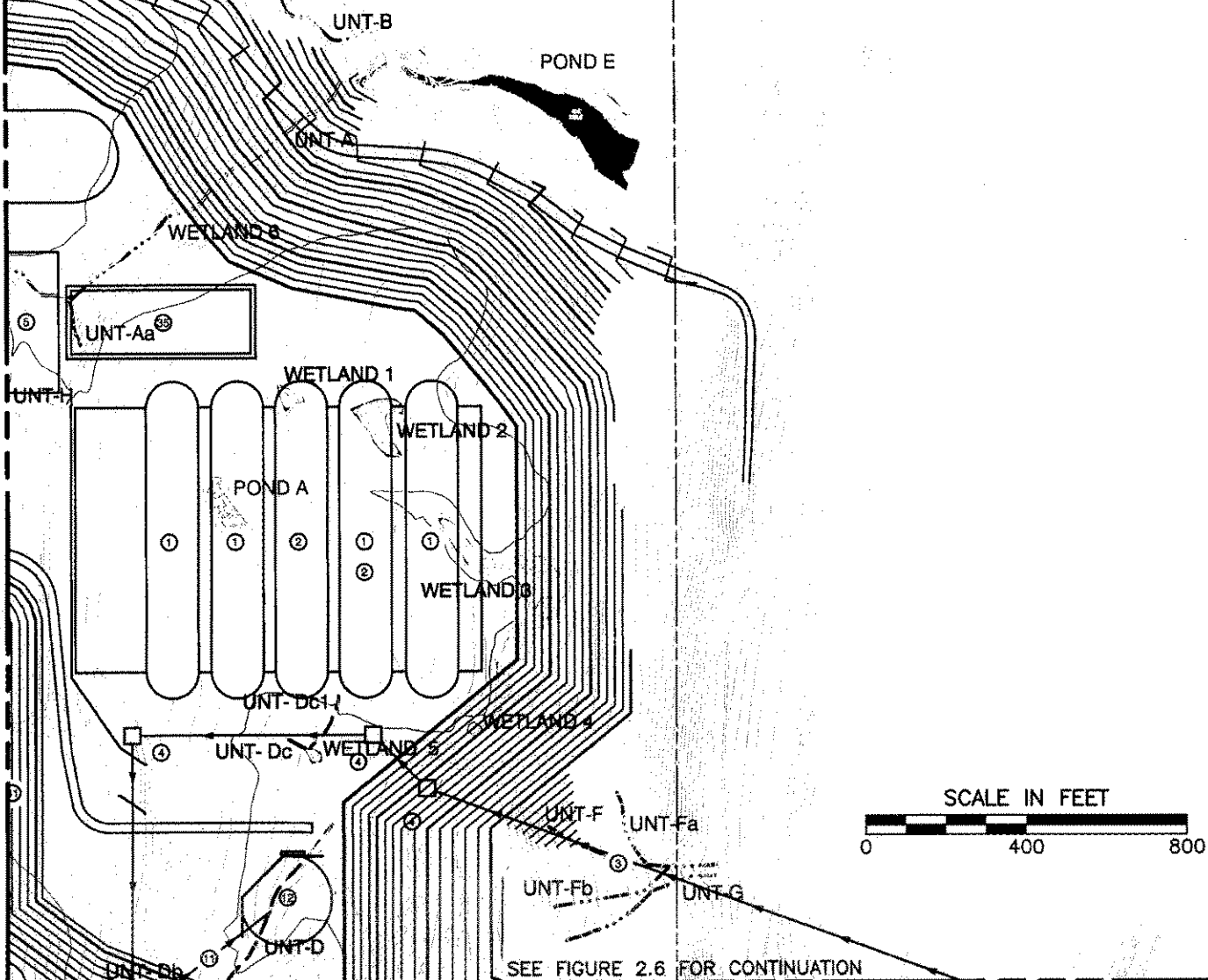
DEC. 19, 2007

SEE FIGURE 2.2 FOR CONTINUATION



# LEGEND

- HYDROLOGIC CONNECTION
- ..... PERENNIAL STREAM
- ..... INTERMITTENT STREAM
- ..... EPHEMERAL STREAM
- POND
- WETLAND
- ISOLATED PERENNIAL STREAM
- ISOLATED INTERMITTENT STREAM
- ISOLATED EPHEMERAL STREAM
- ISOLATED POND
- ISOLATED WETLAND
- PROPERTY BOUNDARY
- PROPOSED CONTOUR, 50 FT
- PROPOSED CONTOUR, 10 FT



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**PROPOSED SITE PLAN**  
**OHIO RIVER CLEAN FUELS FACILITY**  
**COLUMBIANA AND JEFFERSON COUNTIES**  
**VILLAGE OF WELLSVILLE, OHIO**

QUALITY MANAGER APPROVAL: \* DAM

PROJECT NO: 061-933.0014 FIGURE NO:

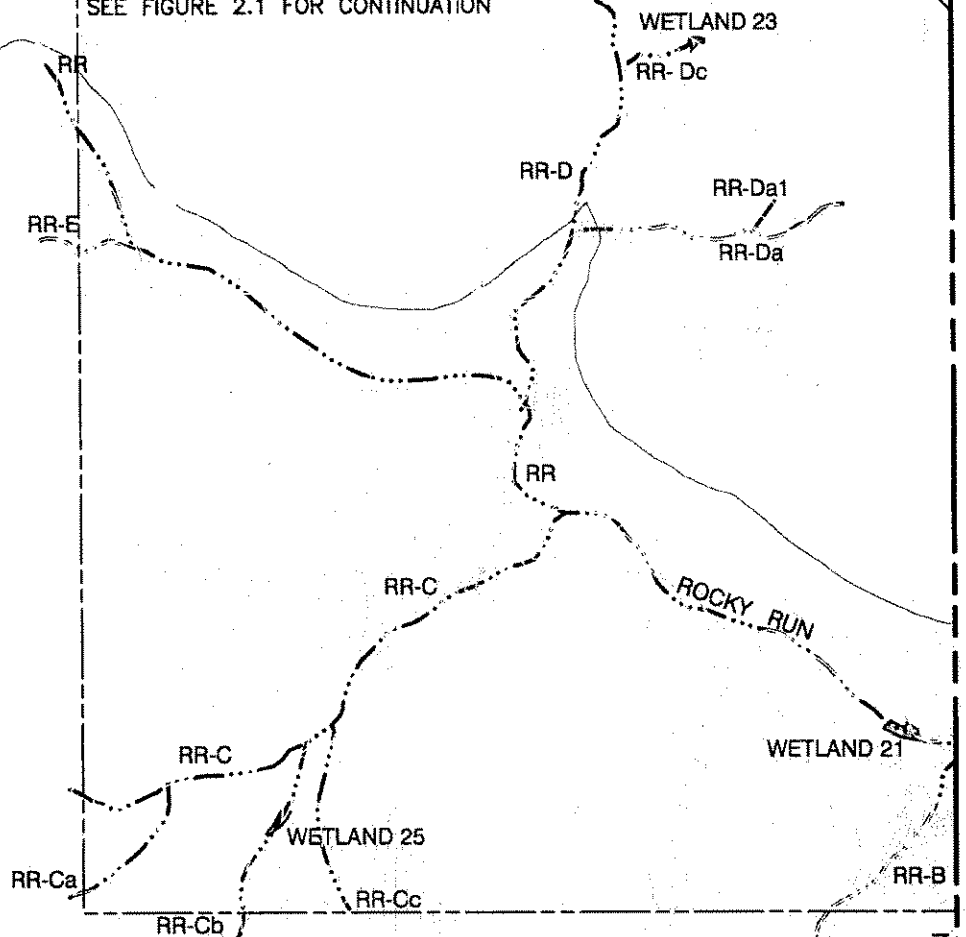
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LAST EDIT DATE: DEC. 19, 2007

2.3



SEE FIGURE 2.1 FOR CONTINUATION



SEE FIGURE 2.5 FOR CONTINUATION

**REFERENCE:**

EXISTING STREAM, WETLAND, AND POND LOCATIONS BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC. IN REPORT TITLED WETLAND AND STREAM DELINEATION REPORT DATED APRIL 10, 2007.

DALLIS DAWSON & ASSOCIATES PROVIDED: PROPOSED GRADING, DRAWING No. 4E-PROP CONTOURS 10-10-07.dwg, DATED 10-10-07. THIS ALTERNATE REPRESENTS A REVISED PLANT LAYOUT AS PROVIDED BY AMEC PARAGON ON 10-10-07 AND AN UPDATE WITH NEW FLARE AND ADMINISTRATION BUILDING LAYOUT IN DECEMBER 2007.

THE CONTOURS DEPICTED ON THIS MAP WERE COMPILED TO NATIONAL MAP ACCURACY STANDARDS BY KUCERA INTERNATIONAL INC., WILLOUGHBY, OHIO, USING PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY TAKEN 03-28-99. CONTOURS WHICH ARE IN WOODED OR DENSE VEGETATION ARE APPROXIMATIONS ONLY AND SHOULD BE TREATED AS "DASHED CONTOURS".

SCALE IN FEET



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COLUMBIANA AND JEFFERSON COUNTIES  
VILLAGE OF WELLSVILLE, OHIO**

QUALITY MANAGER APPROVAL:

\* DAM

PROJECT NO:

061-933.0014

FIGURE NO:

**2.4**

DRAWN BY:

TPM

CHKD BY:

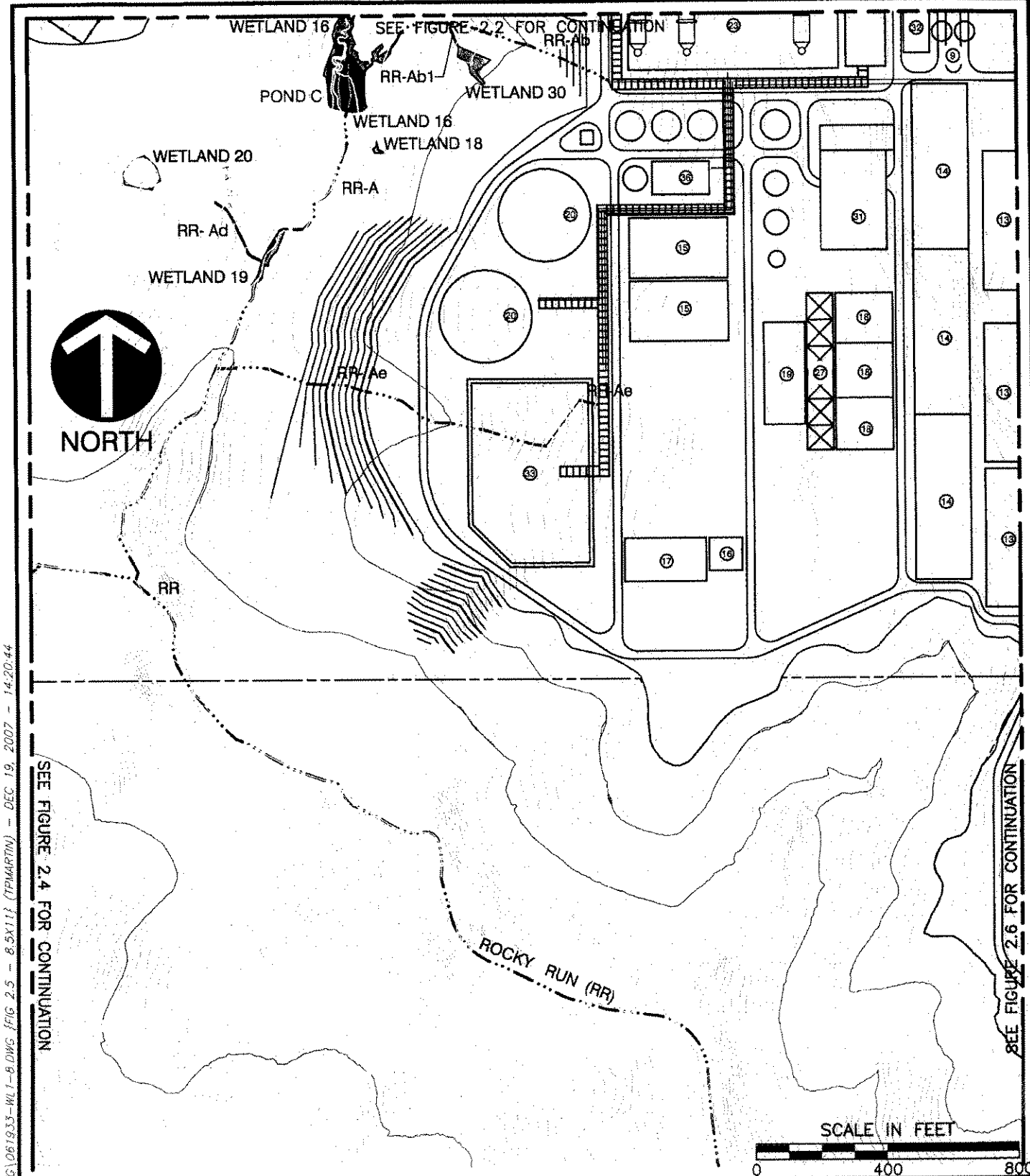
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DWG SCALE:

1" = 400'

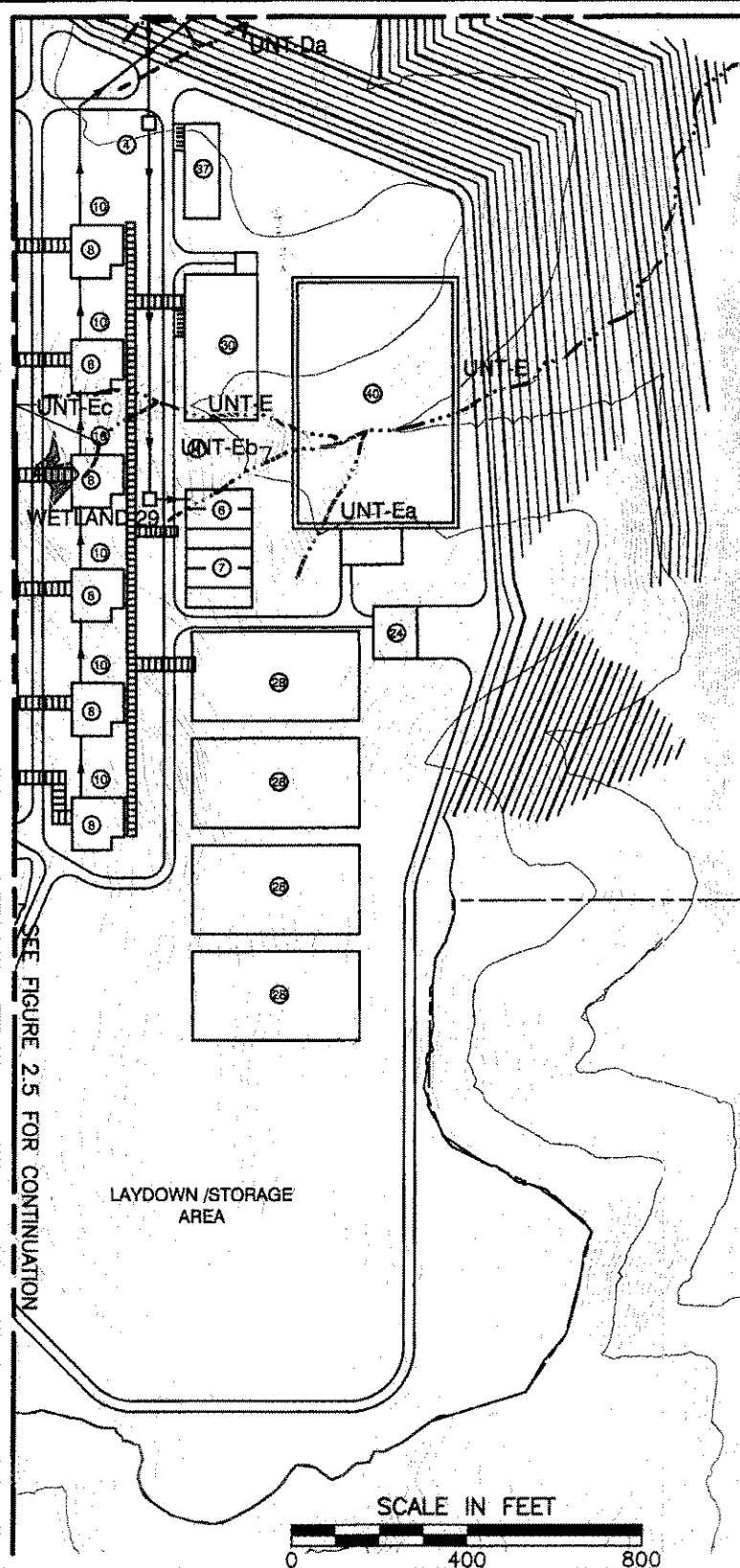
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* HAND SIGNATURE ON FILE  <b>Civil &amp; Environmental Consultants, Inc.</b> Cincinnati, OH Columbus, OH Indianapolis, IN Nashville, TN 333 Baldwin Road, Pittsburgh, PA 15205-9702 (412) 429-2324 • (800) 365-2324		Chicago, IL Export, PA St. Louis, MO Detroit, MI		<b>PROPOSED SITE PLAN</b> <b>OHIO RIVER CLEAN FUELS FACILITY</b> <b>COLUMBIANA AND JEFFERSON COUNTIES</b> <b>VILLAGE OF WELLSVILLE, OHIO</b>	
QUALITY MANAGER APPROVAL:		* DAM		PROJECT NO: 061-933.0014	
DRAWN BY: TPM		CHKD BY: WWT		DWG SCALE: 1" = 400'	
LAST EDIT DATE: DEC. 19, 2007		FIGURE NO:		<b>2.5</b>	

SEE FIGURE 2.5 FOR CONTINUATION



# ID FACILITY

1. COAL STORAGE
2. BIOMASS STORAGE
3. CONVEYORS (COAL & BIOMASS)
4. TRANSFER TOWERS
5. COAL & BIOMASS HOPPERS
6. COAL & BIOMASS SILOS & BUNKERS
7. COAL & BIOMASS MILLING AND DRYING & FILLING VESSEL VENTS
8. GASIFICATION
9. FLY ASH STORAGE AND LOADOUT
10. SLAG DEWATERING SILOS
11. SLAG CONVEYOR
12. SLAG STORAGE
13. CO SHIFT
14. RECTISOL
15. SRU/TGU
16. SULFUR FORMING
17. SULFUR STORAGE
18. FISCHER-TROPSCH
19. PRODUCT UPGRADE
20. COOLING TOWER
21. TANK FARM
22. PRODUCT LOADING
23. COMBINED CYCLE PLANT
24. FIRE STATION
25. PARKING
26. FLARE
27. AIR COOLERS
28. AIR SEPARATION
29. SWITCHYARD
30. PROCESS WATER TREATMENT
31. SHOP / WAREHOUSE
32. LABORATORY
33. PROCESS POND / SETTLING BASIN
34. ADMINISTRATION BUILDING
35. COAL RUN-OFF POND
36. WATER / WASTEWATER TREATMENT BUILDING
37. CHEMICAL HANDLING STORAGE
38. CONTROL BUILDING
39. LPG BULLETS
40. STORMWATER / WASTEWATER POND
41. TERRAIN WIND BARRIER

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QUALITY MANAGER APPROVAL: \* DAM

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**2.6**